

# Open Data in Very High Energy Astrophysics: the Cherenkov Telescope Array case

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The future Cherenkov telescope array (CTA) observatory will impose a new model to the very-high energy gamma ray astronomy data management. Guest observers will be encouraged to submit observation proposals, and will have access to the corresponding data, software for scientific analysis, and support services. The tens of telescopes within the Cherenkov telescope array will produce an unprecedentedly large amount of data, thus requiring a challenging architecture of the whole observatory since reliable data processing, data access, their dissemination and transmission are mandatory. The CTA data and their scientific products need to be preserved in a dedicated archive whose aim is to provide open access to a wide and diverse scientific community for several years after the end of the CTA operative life.

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